

IN THE CLAIMS

Cancel claims 1 and 2, and amend claim 3 as follows:

CM

3. (Amended) A chemical sealant device for repairing a flat tire of a wheel [as recited in Claim 2], which

comprising:
~~comprises:~~

B

P1

a) a rim for supporting and fitting a tire thereabout;

B P1

b) means on the interior of said rim for carrying a portion of the load of the wheel after the tire is punctured and becomes partially flat, wherein said carrying means includes an outer hollow torus member affixed onto the interior surface of said rim; and

A

B P1

c) means within said carrying means, for releasing at predetermined intervals of rotation of the wheel, tire

B

chemical sealant and compressed air into the tire so that

B

eventually the tire will be repaired and tire pressured will be at least partially restored, whereby road damage to the tire will be prevented wherein said releasing means includes:

P.2

[a] i) an inner hollow torus member having dual side by side annular chambers, whereby said inner hollow torus member is disposed within said outer hollow torus member;

B

[b] ii) a first annular vessel placed into the first annular chamber of said inner hollow torus member, said

1 first annular vessel holds the tire chemical sealant therein;
2 [c] iii) a second annular vessel placed into the
3 second annular chamber of said inner hollow torus member, said
4 second annular vessel holds the compressed air therein;

5 [d] iv) a first valve system connected to said
6 first annular vessel, so that when said first valve system is
7 activated by the rotation of the wheel it will release some of
8 the tire chemical sealant into the first annular chamber of
9 said inner hollow torus member and when said first valve system
10 is deactivated by the continued rotation of the wheel it will
11 release the tire chemical sealant from the first annular
12 chamber of said inner hollow torus member into the tire to seal
13 the puncture; and

14 [e] v) a second valve system connected to said
15 second annular vessel, so that when said second valve system is
16 activated by the rotation of the wheel it will release some of
17 the compressed air into the second annular chamber of said
18 inner hollow torus member and when said second valve system is
19 deactivated by the continued rotation of the wheel it will
20 release the compressed air from the second annular chamber of
21 said inner hollow torus member into the tire to at least
22 partially restore tire pressure.

23
24 REMARKS